

Pursuant to the Information Technology Act of 2001, the Department of Livestock presents its plan for information technology for the period July 2005 through June 2011. This plan represents the Information Technology goals, objectives and strategies of the Department of Livestock and has been reviewed and approved by Christian MacKay Executive Officer and George Harris Centralized Services Division Chief.

Update for Fiscal year due to ITSD request 03/15/2010

EXECUTIVE SUMMARY

The Department of Livestock's Information Technology mission is to provide and implement cost-effective information technology with available resources to assist in providing services to the livestock industry, Montana veterinarians and to the general public. In order to accomplish this mission, the Department has set several Information Technology goals that are intended to move the Department in a direction of providing services needed by the livestock industry, Montana veterinarians and the general public using best-practices for implementing those services with the use of technology and to support the Department's business goals and requirements.

Our primary Information Technology goal is to migrate all in-house systems to a State standard platform. This will allow the Department to maintain, retrieve and report data specific to each division's critical programs and functions. Moving these systems to a newer platform will allow greater flexibility and more functionality in order to provide a greater variety of services to the livestock industry, Montana veterinarians and the general public.

Other Information Technology goals include data sharing and exchange with other state agencies, providing more accessible services through the use of the Internet, participation in the National Animal Identification System (NAIS) federal project, Disaster Recovery, participation in the Federal Automation Information Management (FAIM) system for Meat Inspection, National Animal Health Laboratory Network (NAHLN), upgrade technologies for the upcoming 2011 Brand Rerecord, upgrade the Animal Health permit and disease tracking system, and cost analysis on hardware and software options. Again, these goals are all intended to address any Information Technology service deficiencies that have been identified and implement cost-effective information technology to assist each division's business requirements and provide services to the livestock industry, Montana veterinarians and the general public.

SECTION 1: AGENCY CONTACT INFORMATION

Agency Name: Department of Livestock

Role: Plan Owner

Name: Board of Livestock
Telephone Number: 444-7323
Email Address: cmackay@mt.gov

Role: IT Contact

Name: James Newhall
Telephone Number: 994-6372
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Role: IT Contact (Alternate)

Name: Ron Hoyt
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SECTION 2: AGENCY MISSION & AGENCY IT MISSION

2.1 Agency Mission Statement

The Department of Livestock's mission is to prevent, control, and eradicate animal diseases; prevent the transmission of animal diseases to humans; protect livestock industries from theft and predatory animals; assure clean, wholesome, and properly-labeled meat and poultry products; regulate and inspect the milk industry, and monitor and regulate the horse racing industry.

2.2 Agency IT Mission Statement

The Department of Livestock's Information Technology mission is to provide and implement cost-effective information technology with available resources to assist in providing services to the livestock industry, Montana veterinarians and to the general public.

SECTION 3: AGENCY SECURITY PROGRAM

3.1 Security Program

The Montana Department of Livestock IT security program has many facets to it. The department has developed a Computer and Information Services Appropriate Use Policy that is provided to each department employee and signed by the employee and immediate supervisor. This policy details computer security and access rights procedures. The department has a designated information security manager, James Newhall.

User ID's and passwords:

All computers require a user id and password just to boot them up. The user id's are unique to each user and the password must be at least 6 characters long and must be a mixture of numbers and letters and the last 8 passwords may not be reused. The login ids and passwords are maintained in the Novell server and in Active Directory. Department of Livestock IT policy also requires a locking screensaver for when the computer is unattended for more than 10 minutes. The rights and privileges of each user id is set so that they can only access the data he or she needs. Any applications that access the Oracle database also require a user id and password just to access the application or its data.

Backups:

Tape backups are performed every day on the Novell server. On Friday a full backup is processed and Monday thru Thursday an incremental backup is processed. ITSD hosts the Oracle database and the Novell Server and they perform the backups on them.

Building security:

Electronic Keys are used to access the Scott Hart building in Helena and each individual office has a metal key for access. Each brand office has a metal key for access and the diagnostic lab requires a key to enter the building and code to enter the individual laboratories. During normal business hours the buildings may be accessed without a key, but off hours require the use of the keys.

Training:

Train all users in recognizing viruses, hoaxes, trojans, suspicious emails, the danger's of surfing the web, and to not give out passwords and to recognize social engineering. (This training is in development.)

Name of the Agency's Disaster Recovery Coordinator: Christian Mackay

The Department has plans to develop and implement an IT Disaster Recovery Plan and incorporate it into the agency's Business Continuity Plan by December 31, 2008. This would provide for established and efficient procedures in the event of a disaster and faster recovery of department critical functions and systems. This supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public. This also supports the state IT goal of Improve Government Services by continuing to provide services to the livestock community in the event of a disaster, participating in disaster recovery exercises and planning, and by having procedures in place to minimize downtime and costs.

SECTION 4: AGENCY IT PLAN

4.1 Goals/Requirements

Goal Number 1:

ITG 1 Migrate legacy platform systems and applications to a State standard platform.

Description: The department has approximately 13 legacy DOS systems remaining to migrate to an Oracle platform.

Benefits: Moving applications to a State standard will allow for better support and maintenance and eliminate duplication of effort with system and application data entry and maintenance. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports all agency division goals and objectives by providing applications to maintain data specific to the division that can best meet each division's demands and provide cost-effective, efficient services. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner by reducing costs and duplication of effort, developing more efficient systems, including testing and quality assurance and continuous strategic planning for improving systems and applications and Improve Government Services by providing new services more efficiently and effectively.

Timeframe for completion: January 1, 2013

Supporting Objective

ITO 1-1 Eliminate Duplication

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improving Government Services.

Objective: Identify duplication and document interfaces between systems to eliminate it.

Benefits: Time and costs savings within the department will be realized by eliminating duplication.

Measures: Complete a system functionality document identifying duplication and system interfaces that will eliminate the duplication.

Timeframe for completion: January 1, 2013

ITO 1-2 Improve System Functionality

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improving Government Services.

Objective: Utilize new functionality and capability to improve efficiency and decrease costs.

Benefits: Time and costs savings within the department will be realized by eliminating duplication.

Measures: Identify areas of inefficiency in systems to be migrated and document a solution by using new

functionality.

Timeframe for completion: Always on-going

Supporting Objective

ITO1-3 Services and functionality provided via the Internet

Supports Business Requirement: This goal supports all agency division goals and objectives

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improving Government Services

Objective: Identify system functionality that could be provided to customers via the Internet.

Benefits: Increasing and expanding the variety of services offered will be a benefit to the livestock community and the general public.

Measures: Identify at least 1 service that could be provided via the Internet.

Timeframe for completion: January 1, 2013 (and ongoing as new services are identified).

ITO1-4 Analyze Hardware and Software

Supports Business Requirement: This goal supports all agency division goals and objectives

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improving Government Services

Objective: Analyze hardware and software resources needed to accommodate migration needs.

Benefits: Upfront research and planning for hardware and software needs for migration will be a benefit to the livestock community and the general public.

Measures: Complete a hardware/software analysis document during the 4th quarter of each budget preparation biennium.

Timeframe for completion: Fourth quarter FY2006, Fourth quarter FY2008, Fourth quarter FY2010.

Goal Number 2:

ITG 2 Inter-agency data sharing and exchange

Description: As the legacy DOS systems are migrated to Oracle, the department will be identifying areas where data can be shared and/or exchanged with other identified state agencies in order to eliminate duplication.

Benefits: This would provide time and cost savings by eliminating duplication of effort between the Department and other involved state agencies. The Department, other state agencies, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports all agency division goals and objectives.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner by reducing costs and duplication of effort, developing more efficient systems, including testing and quality assurance and continuous strategic planning for improving systems and applications and Improve Government Services by providing new services more efficiently and effectively.

Timeframe for completion: As each legacy DOS system is migrated.

Supporting Objective

ITO 2-1 Identify agency data sharing

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Meet with other identified agencies to discuss content and intent of shared information.

Benefits: Time and cost savings benefits would be realized by the Department and other state agencies.

Measures: Schedule meetings with identified agencies.

Timeframe for completion: As each legacy DOS system is migrated.

Supporting Objective

ITO 2-2 Incorporate agency data sharing

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Develop new systems to incorporate information sharing.

Benefits: Time and cost savings benefits would be realized by the Department and other state agencies.

Measures: Have at least 1 system interfaced to share data with another identified agency.

Timeframe for completion: As each legacy DOS system is migrated.

Goal Number 3:

ITG 3 Provide more accessible services for the livestock industry, veterinarians and the general public with efficient use of information technology resources.

Description: As legacy DOS systems are migrated to an Oracle platform, the department will identify functions in these systems that could be provided as services via the Internet.

Benefits: Providing these services via the Internet would be more accessible to the livestock community, veterinarians and the general public.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Implements State IT Goals/Initiatives By: This goal supports the state IT goal of Improve Government Services by providing more accessible services to the livestock community, analyzing trends and changes in the livestock industry and responding to their needs for more accessible services, and providing services via the Internet.

Timeframe for completion: As each legacy DOS system is migrated.

Supporting Objective

ITO 3-1 Identify Internet services

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal Improve Government Services

Objective: Identify services that could be provided via the Internet.

Benefits: Providing these services via the Internet would be more accessible to the livestock community, veterinarians and the general public.

Measures: Complete a service identification document.

Timeframe for completion: January 1, 2013

Supporting Objective

ITO 3-2 Perform Cost Analysis of proposed Internet Services

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Improve Government Services

Objective: Do a cost analysis.

Benefits: Providing these services via the Internet would be more accessible to the livestock community, veterinarians and the general public.

Measures: Complete a cost analysis.

Timeframe for completion: : January 1, 2013

ITO 3-3 Develop migration plan for new Internet Services

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Improve Government Services

Objective: Develop a plan to migrate service(s) to the Internet.

Benefits: Providing these services via the Internet would be more accessible to the livestock community, veterinarians and the general public.

Measures: Have at least 1 electronic service available to the public.

Timeframe for completion January 1, 2013

ITO 3-4 Analyze hardware and software resources

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Improve Government Services

Objective: Analyze hardware and software resources needed to continue providing service(s) via the Internet.

Benefits Providing these services via the Internet would be more accessible to the livestock community, veterinarians and the general public.

Measures: Complete a hardware/software analysis the 4th quarter of each EPP biennium.

Timeframe for completion: 4th quarter 2006, 4th quarter 2008, 4th quarter 2010.

ITO 3-5 Coordinate with ITSD

Supports Business Requirement: This goal supports all agency division goals and objectives.

Supports/Implements State IT Goal: Improve Government Services

Objective: Coordinate with the Internet Technology Services Bureau of ITSD during project planning and implementation phases.

Benefits Providing these services via the Internet would be more accessible to the livestock community,

veterinarians and the general public.

Measures: Attend and participate in meetings.

Timeframe for completion: As need arises

Goal Number 4:

ITG 4 Participate in the National Animal Identification System (NAIS)

Description: The department coordinates for the NAIS in Montana. NAIS's goal is to achieve a trace back system that can identify all animals and premises potentially exposed to an animal with a Foreign Animal Disease (FAD) within 48 hours after discovery.

Benefits: This goal will provide enhanced disease control and eradication capabilities for rapid containment of foreign animal disease outbreaks and enhanced ability to respond to biosecurity threats. It will enable the industry to meet the demands of domestic and international consumers for source-verified products and provide for mitigation of threats to biosecurity of the food supply, either intentional or unintentional. The livestock producers, federal government, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to safeguard the health and food production capacity of the State's animals and poultry by providing for the diagnosis, prevention, control, and eradication of animal diseases, prevent the transmission of animal diseases to man, and address other public health risks.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals Improve the Quality of Life by providing services for disease control and biosecurity threats through more efficient means, and Improve Government Services by participating in disaster recovery exercises and planning for disease outbreaks and biosecurity threats.

Timeframe for completion: July 1, 2009

Supporting Objective

ITO 4-1 Participate in Phase II of the NAIS

Supports Business Requirement: BG4

Supports/Implements State IT Goal: Improve the Quality of Life and Improve Government Services

Objective: Participate as requested in Phase II of the NAIS which involves individual or group/lot identification for interstate and intrastate commerce.

Benefits: The livestock producers, federal government, veterinarians and the general public would benefit from enhanced disease control and eradication capabilities for rapid containment of foreign animal disease outbreaks and enhanced ability to respond to biosecurity threats.

Measures: NAIS schedule for premises registration and animal identification as required is January 2008.

Timeframe for completion: January 2009

Supporting Objective

ITO 4-2 Participate in Phase III of the NAIS

Supports Business Requirement: BG4

Supports/Implements State IT Goal: Improve the Quality of Life and Improve Government Services

Objective: Participate as requested in Phase III of the NAIS which involves retrofitting remaining processing plants and markets and other industry segments with appropriate technology that will enhance our ability to track animals throughout the livestock marketing chain to protect and improve the health of

the national herd.

Benefits: The livestock producers, federal government, veterinarians and the general public would benefit from enhanced disease control and eradication capabilities for rapid containment of foreign animal disease outbreaks and enhanced ability to respond to biosecurity threats.

Measures: NAIS schedule reporting of defined animal movement as required is by January 2009.

Timeframe for completion: : January 2010

Goal Number 5:

ITG 5 IT Disaster Recovery

Description: Develop and implement an IT Disaster Recovery Plan and incorporate it into the agency's Business Continuity Plan.

Benefits: This would provide for established and efficient procedures in the event of a disaster; Faster recovery of department critical functions and systems. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Implements State IT Goals/Initiatives By: This supports the state IT goal of Improve Government Services by continuing to provide services to the livestock community in the event of a disaster, participating in disaster recovery exercises and planning, and by having procedures in place to minimize downtime and costs.

Timeframe for completion: December 31, 2010

Supporting Objective

ITO 5-1 Participate in Disaster Recovery functions

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Improve Government Services

Objective: Will actively participate with the state Service Delivery Team for Disaster Recovery.

Benefits: The Department, the livestock community, veterinarians and the general public would benefit from established and efficient procedures in the event of a disaster and faster recovery of department critical functions and systems.

Measures: Attend and participate in meetings when scheduled.

Timeframe for completion: As functions arise

Supporting Objective

ITO 5-2 Disaster Recovery Planning

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Improve Government Services

Objective: Conduct disaster recovery planning within the agency and prepare and agency disaster recovery plan for IT.

Benefits: The Department, the livestock community, veterinarians and the general public would benefit from established and efficient procedures in the event of a disaster and faster recovery of department critical functions and systems.

Measures: Complete a disaster recovery plan for IT.

Timeframe for completion: : December 31, 2010

Goal Number 6:

ITG 6 Replace Brands Mainframe system with an Oracle based system. Several vendors, that already have a fully developed brands system, have been researched. The approximate cost of purchasing one of these off the shelf brand systems is from seventy thousand to one hundred fifty thousand dollars plus an annual maintaince fee.

Benefits: Moving this application to a State standard will allow for better support and maintenance and eliminate duplication of effort with system and application data entry and maintenance. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports all agency division goals and objectives by providing applications to maintain data specific to the division that can best meet each division's demands and provide cost-effective, efficient services. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner by reducing costs and duplication of effort, developing more efficient systems, including testing and quality assurance and continuous strategic planning for improving systems and applications and Improve Government Services by providing new services more efficiently and effectively.

Timeframe for completion: December 31, 2010

ITG 6-1 Cost Analysis of migrating the Montana Brands System from the Mainframe to an Oracle platform

Description: The department plans to do a cost analysis of migrating the Montana Brands System from a mainframe environment to an Oracle platform to determine the possibility of cost savings and greater system functionality and capabilities.

Benefits: Cost savings could be realized for the Department.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Develop IT Resources In An Organized, Deliberate and Cost-Effective Manner and Improve Government Services by providing services more efficiently and effectively, and reducing costs.

Vendor, ERD, said they would do the data migration as part of the purchase cost.

Timeframe for completion: December 31, 2009

Supporting Objective

ITO 6-2 Research options other than the Mainframe

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Research options and functionality available for moving the Montana Brands System to an Oracle platform, and compare these costs to those incurred through the Mainframe environment

Benefits: There is a potential for cost savings for the department.

Measures: Complete a cost analysis document.

One vendor's product ran on MS SQL Server and would require additional purchases of hardware and software. The other vendor has developed on an Oracle system.

Timeframe for completion: December 31, 2009

Supporting Objective

ITO 6-3 Analyze hardware and software resources

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Analyze hardware and software implications of migrating the system from the Mainframe to an Oracle platform.

Benefits: Upfront analysis and research will provide for the most cost-effective and efficient solution.

Measures: Complete a hardware and software analysis document.

We currently have an Oracle server, but needs to be upgraded.

Timeframe for completion: December 31, 2009

Goal Number 7:

ITG 7 Upgrade new technologies for the upcoming 2011 Brand Rerecord

Description: Every 10 years, the Department sends out renewals for livestock brands recorded with the State. During the span of 10 years, new technologies will arise that may benefit the rerecord process and provide more services to the livestock community during the rerecord period. The renewals will be sent out in December 2010 and the rerecord period will begin January 1, 2011 and extend through March 31, 2012.

Benefits: Cost savings could be realized for the Department and a greater variety of services may be provided to the livestock community.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Develop IT Resources In An Organized, Deliberate and Cost-Effective Manner and Improve Government Services by providing services more efficiently and effectively, and reducing costs.

Timeframe for completion: July 1, 2010

Supporting Objective

ITO 7-1 Research new technologies

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Research new technologies available to assist in renewal of livestock brands via a variety of means (mail, electronic, telephony) and provide information on renewal processing back to the livestock community.

Benefits: Cost savings could be realized for the Department and a greater variety of services may be provided to the livestock community.

Measures: Complete a cost analysis document.

Timeframe for completion: July 1, 2009

Supporting Objective

ITO 7-2 Analyze hardware and software resources

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Analyze hardware and software implications of utilizing new technologies to aid in the rerecord process.

Benefits: Upfront analysis and research will provide for the most cost-effective and efficient solution.

Measures: Complete a hardware and software analysis document.

Timeframe for completion: April 1, 2010

Goal Number 8:

ITG 8 Regularly scheduled replacement of Field Automation and Information Management (FAIM) laptop computers in FY2010 and FY2011.

Description: Laptop computers used for the Federal Meat Inspection Field Automation and Information Management (FAIM) system are scheduled to be replaced every 4 years.

Benefits: Use of the FAIM laptops and federal programs enhance productivity, quality, and services for both inspection and administrative processes conducted in meat and poultry establishments; Inspectors now have immediate access to, and ability to retrieve information from Food Safety and Inspection Service (FSIS) technical references, directives, manuals, and notices that are stored on each inspector's computer; computer-based training, electronic forms, plus faster access to laboratory results, such as microbiological samples and residue outcomes. The Department, federal government and the meat and poultry industries would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to ensure that meat, poultry, meat products and poultry products slaughtered, processed and/or stored in Montana meet state and federal requirements and to ensure clean, wholesome, properly labeled meat and poultry products for the consumer.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Develop IT Resources In An Organized, Deliberate and Cost-Effective Manner by providing services more efficiently and effectively, reducing costs and duplication of effort, Improve Government Services by ensuring clean, wholesome, properly labeled meat and poultry products for the consumer through inspection and education and by aligning IT investments in FAIM equipment replacement with business goals, and providing testing and quality assurance.

Timeframe for completion: July 1, 2010 (FY11)

Supporting Objective

ITO 8-1 Replacement schedule for FAIM laptop computers

Supports Business Requirement: BG15

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Analyze and develop a replacement schedule for the laptop computers.

Benefits: Meat and Poultry Inspectors benefit by having faster access and retrieval of federal Food Safety and Inspection Service (FSIS) information and programs.

Measures: Complete a replacement schedule.

Timeframe for completion: July 1, 2009

Supporting Objective

ITO 8-2 Analyze training needs

Supports Business Requirement: BG15

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Analyze training needs of inspectors for upgraded software and applications.

Benefits: Analyzing and providing training for inspectors allows for efficient use of the systems.

Measures: Complete a training schedule.

Timeframe for completion: : July 1, 2009

Goal Number 9:

ITG 10 Replace Animal Health permits and disease tracking system. Several vendors have already been researched with an off the shelf system ready to go. Approximate cost of one of these systems is eighty thousand to three hundred thousand plus and an annual maintainance fee.

Supports/Implements Agency Goal or Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Develop IT Resources In An Organized, Deliberate and Cost-Effective Manner and Improve Government Services by providing services more efficiently and effectively, and reducing costs.

Timeframe for completion: December 31, 2010

Supporting Objective

ITG 10-1 Cost Analysis of migrating the Animal Health System from the DOS system to an Oracle platform

Description: The department plans to do a cost analysis of migrating the Montana Animal Health System from a DOS environment to an Oracle platform to determine the possibility of cost savings and greater system functionality and capabilities.

Benefits: Cost savings could be realized for the Department.

Vendor ERD included data migration as part of the purchase cost.

Timeframe for completion: December 31, 2008

Supporting Objective

ITO 10-2 Research options other than the DOS system

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Research options and functionality available for moving the Montana Animal Health System to an Oracle platform, and compare these costs to those incurred through the DOS environment

Benefits: There is a potential for cost savings for the department.

Measures: Complete a cost analysis document.

Timeframe for completion: December 31, 2008

Supporting Objective

ITO 10-3 Analyze hardware and software resources

Supports Business Requirement: This goal supports the agency mission to provide cost-effective, efficient services to the livestock community, veterinarians and the general public.

Supports/Implements State IT Goal: Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner and Improve Government Services

Objective: Analyze hardware and software implications of migrating the system from the DOS environment to an Oracle platform.

Benefits: Upfront analysis and research will provide for the most cost-effective and efficient solution.

Measures: Complete a hardware and software analysis document.

Timeframe for completion: December 31, 2009

Goal Number 11:

Continue debugging and enhancing the LIMS (Laboratory Information Management System) The LIMS was in development for over 6 years. LIMS was put into production November 1, 2008. The users of the LIMS are documenting bugs and enhancements and they are being fixed and implemented as time permits.

Benefits: Finishing this application to a State standard will allow for better support and maintenance and eliminate duplication of effort with system and application data entry and maintenance. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Supports/Implements Agency Goal or Requirement: This goal supports all agency division goals and objectives by providing applications to maintain data specific to the division that can best meet each division's demands and provide cost-effective, efficient services. The Department, the livestock community, veterinarians and the general public would benefit from this goal.

Implements State IT Goals/Initiatives By: This goal supports the state IT goals of Developing IT Resources in an Organized, Deliberate and Cost-Effective Manner by reducing costs and duplication of effort, developing more efficient systems, including testing and quality assurance and continuous strategic planning for improving systems and applications and Improve Government Services by providing new services more efficiently and effectively.

Timeframe for bugs and enhancement completion: : December 31, 2010

Goal Number 12:

Finish development of data sharing with NAHLN.

Timeframe: July 1, 2010

SECTION 5: IT INITIATIVES (FY2006-2011)

5.1 Initiatives

Initiative Number: 1

Title: Brands system

Description: Replace the current Brands applications

EPP Number (if applicable): RFP10-1709P

Initiative Number: 2

Title: Animal Health system

Description: Replace the current Animal Health applications

EPP Number (if applicable):

SECTION 6: ENTERPRISE ALIGNMENT

6.1 State Strategic Plan for IT Alignment

Please indicate which Communities of Interest your agency plans to be involved in. Agencies are asked to select at least one, but can select as many as needed. Further planning work by the communities of interest will take place following submission of agency IT plans.

- ☒ Government Services
- ☒ Public Safety
- ☐ Human Resources
- ☐ Environmental
- ☒ Education
- ☐ Economic
- ☐ Cultural Affairs
- ☐ Finance

For government services we plan to offer more of Livestocks services online. Such as brand applications and other brand requests.

For public safety we plan to participate in the Cybersecurity defense center class this upcoming May and similar events that pertain to public safety and how IT can be involved.

For education we have and will continue to participate in classes and events that teach us about new technologies, changes in technologies, and management of technological resources.

SECTION 7: EXPENDITURES

7.1 Planned Agency IT Expenditures

<u>Expense Category</u>	<u>FY2010</u>	<u>FY2011</u>	<u>FY2012</u>	<u>FY2013</u>	<u>FY2014</u>	<u>FY2015</u>
Personal Services	146,594	146,594	149,000	149,000	149,000	149,000
Operating Expenses	160,511	160,511	160,511	160,511	160,511	160,511
Initiatives	165,000	95,000	0	0	0	0
Other expenditures						
Totals	472,105	402,105	309,511	309,511	309,511	309,511

SECTION 8: ENTERPRISE IT INVENTORY

ENTERPRISE IT INVENTORY

Survey Summary for Department of Livestock on 3/18/2010

AGENCY CONTACT INFORMATION

First Name
James

Last Name
Newhall

Phone
406-994-6372

EMail
jnewhall@mt.gov

Last access to this system
3/18/2010 11:10:25 AM

SECTION 9: ADDITIONAL INFORMATION - OPTIONAL

IT Priority Items

As of 3-15-2010

<u>Priority</u>	<u>Item</u>	<u>Person Assigned</u>	<u>Est Time Frame</u>
1	Tech support issues	Jim, Ron, & Conrad	On-going
2	Brands RFP	Jim & Ron	Jan 2011
3	Animal Health RFP	Jim & Ron	March 2011
4	Web Page	Conrad	On-going
5	Lab Server	Jim	Mid May 2010
6	LIMS (See notes)	Jim	As time permits
7	Animal Health access to LIMS data	Conrad	Late May
8	Animal Health Import permit tables	Conrad	Mid May
9	Milk fixes and enhancements from Lisa	Conrad, Ron, & Jim	ASAP
10	Accounting Issues with Verna and Bernice	Ron & Jim	ASAP
11	Attachment switch over to BlueZone	Conrad, Jim, & Ron	ASAP
12	MS Office Upgrades	Jim, Ron, & Conrad	Nearly done
13	Desktop computer order and install	Jim & Conrad	April 30, 2010
14	Agency IT plan	Jim	Due March 15
15	Meat Inspection Issues	Conrad	March 31
16	Dealer Licensing	Ron	March 31
17	Market networks switched to local ISP	Ron	As time permits
18	Convert Oracle forms for version 11G	Jim, Ron, Conrad	???
19	Windows 7 testing	Conrad	As time permits
20	IT SOP's	Jim	???

LIMS

- 1 Fees –
 - Log out screen fee clearing and recalculating wrong.
 - Add receiving total fee to lab section and be updateable
 - Check on rabies fees being populated
 - Receiving fee on all lab section forms.
- 2 Rewrite Virology report – (May require a redesign of Virology) – (see 1-2550-10)
- 3 Case Coordinator
 - Mark ones that are logged out of all lab sections
 - Check on Steve and Cathy P. being properly populated as a case coordinator.
 - Reduce the list of coordinators
- 4 NAHLN Messaging
- 5 Add_on issues
- 6 Bact Biomic upgrade
- 7 SOP's / User Manual
- 8 Cross Training with IT staff (Ron & Conrad)
- 9 Straighten up query screen fees and dates area.
- 10 Record preliminary dates
- 11 A new submitter added issue
- 12 Serology list of fixes and enhancements.
- 13 Research why lock on record after query in query tab not released.

- 14 Histo results and other individual lab results from query screen
- 15 Query screen – Query for a submitter or owner and scroll thru all after query
- 16 Referrals – PDF open on query screen for all lab computers
- 17 Fee memo field for all labs sections
- 18 Milk lab updates (10's) and milk lab reports
- 19 Query tab on all lab sections